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P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION
ATTORNEY DOCKET NO. 200302185-1

**IN THE
UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s): James Reuter

Confirmation No.: 3048

Application No.: 09/872,970

Examiner: Nguyen, Trong

Filing Date: 06/01/2001

Group Art Unit: 2152

Title: Architecture for Parallel Distributed Table Driven I/O Mapping

Mail Stop Amendment
Commissioner For Patents
PO Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

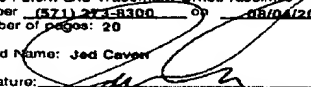
Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment () Petition to extend time to respond
() New fee as calculated below () Supplemental Declaration
() No additional fee
() Other: _____ (fee \$ _____)

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	36	MINUS	40	= 0	X \$50	\$ 0
INDEP. CLAIMS	4	MINUS	6	= 0	X \$200	\$ 0
[] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$360	\$ 0
EXTENSION FEE	1ST MONTH \$120.00	2ND MONTH \$450.00	3RD MONTH \$1020.00	4TH MONTH \$1590.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this sheet is enclosed.

(X) I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number (571) 272-8300 on 08/04/2005.
Number of pages: 20
Typed Name: Jed Caven
Signature: 

Respectfully submitted,

James Reuter

By

Jed Caven

Attorney/Agent for Applicant(s)
Reg. No. 40,551

Date: 08/04/2005

Rev 12/04 (TransFax)

Telephone No.: (720) 841-9544
- Attach as First Page to Transmitted Papers -

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5 Filing Date06/01/2001
Inventorship.....Reuter, James, et al.
Group Art Unit.....2152
ExaminerNguyen, Trong Nhan P.
Docket No.200302185-1
10 Title: Architecture for Parallel Distributed Table Driven I/O Mapping

RESPONSE TO OFFICE ACTION MAILED JUNE 27, 2005

To: Mail Stop Amendment
Commissioner of Patents
15 P.O. Box 1450
Alexandria, VA 22313-1450

From: Jed W. Caven
Caven & Aghevli LLC
9249 S. Broadway Blvd. #200-201
20 Highlands Ranch, CO 80129

INTRODUCTORY COMMENTS

This communication is in response to the Office Action mailed June 27,
2005.

AMENDMENTS TO THE DRAWINGS

No Amendments to the drawings are made herein.

AMENDMENTS TO THE SPECIFICATION

5 No amendments to the specification are made herein.

AMENDMENTS TO THE CLAIMS

Please cancel, without prejudice or disclaimer, claims 31-33 and 35, and amend the claims of the present application as set forth below.

10

1. (Original) A virtual storage system for linking a host to one or more storage devices over a network, the system comprising:

an agent connected to the host, the agent having volatile memory for storing a first copy of a table, the table having entries to map virtual disk

15 positions to locations on the storage devices; and

a controller coupled to the agent, the controller having non-volatile memory for storing a second copy of the table, the controller intermittently causing contents of the first copy of the table to be replaced by contents of the second copy of the table,

20 whereby during an input/output (I/O) operation, the host accesses one of the entries in the table stored on the agent to determine one of the storage device locations.